

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.  
072396.0222 (A34001)

Serial No.  
09/785,058

Applicant  
Montelaro et al.

Filing Date  
February 16, 2001

Group  
1646

RECEIVED  
JUL 03 2001  
TECH CENTER 1600/2900

## U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appro.
swl	1 5 9 4 5 5 0 7	08/31/99	Montelaro et al.			
swl	7 5 7 1 4 5 7 7	02/03/98	Montelaro et al.			

## FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation Yes No

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

swl	2	File, TM. "Overview of Resistance in the 1990s", <i>Chest</i> , 115:3S-8S. March 1999 Supplement
swl	3	Friedrich et al., "Salt-Resistant Alpha-Helical Cationic Antimicrobial Peptides", <i>Antimicrobial Agents and Chemotherapy</i> , 43: 1542-1548, 1999
swl	4	Hancock. R.E., "Host Defence (Cationic) Peptides: What Is Their Future Clinical Potential?", <i>Drugs</i> , 57: 469-473, Adis International Limited, 1999.

Examiner

*[Signature]*

Date Considered

7-3-03

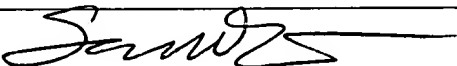
\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	Atty. Docket No. 072396.0222 (A34001)	Serial No. 09/785,058
	Applicant Montelaro et al.	
	Filing Date February 16, 2001	Group 1646

RECEIVED  
JUL 03 2001  
TECH CENTER 1600/2900

SWL	5	Scott, Yan, and Hancock, "Biological Properties of Structurally Related $\alpha$ -Helical Cationic Antimicrobial Peptides", <i>Infection &amp; Immunity</i> , <u>67</u> : 2005-2009, Apr. 1999
SWL	6	Tencza et al., "Lentivirus-derived antimicrobial peptides: increased potency by sequence engineering and dimerization", <i>Journal of Antimicrobial Chemotherapy</i> , <u>44</u> : 33-41, 1999
SWL	8	Beary et al., "Interruption of T-cell signal transduction by lentivirus lytic peptides from HIV-1 transmembrane protein", <i>Journal of Peptide Research</i> , <u>51</u> : 75-79, 1998
SWL	9	Hwang and Vogel, "Structure-function relationships of antimicrobial peptides", <i>Biochem. Cell Biol.</i> , <u>76</u> : 235-246, 1998
SWL	10	Comardelle et al., "A Synthetic Peptide Corresponding to the Carboxy Terminus of Human Immunodeficiency Virus Type 1 Transmembrane Glycoprotein Induces Alterations in the Ionic Permeability of <i>Xenopus laevis</i> Oocytes", <i>AIDS Research &amp; Human Retroviruses</i> , <u>13</u> : No. 17, pp.1525-1532, 1997.
SWL	11	Ganz and Lehrer, "Antimicrobial peptides of leukocytes", <i>Current Opinion in Hematology</i> , <u>4</u> : 53-58, 1997
SWL	12	Tencza et al., "Novel Antimicrobial Peptides Derived from Human Immunodeficiency Virus Type 1 and Other Lentivirus Transmembrane Proteins", <i>Antimicrobial Agents &amp; Chemotherapy</i> , <u>41</u> : 2394-2398, 1997
SWL	13	Tencza et al., "Calmodulin-Binding Function of LLP Segments from the HIV Type 1 Transmembrane Protein Is Conserved among Natural Sequence Variants", <i>AIDS Research &amp; Human Retroviruses</i> , <u>13</u> : No. 3, 263-269, 1997
SWL	14	Arroyo et al., "Membrane Permeabilization by Different Regions of the Human Immunodeficiency Virus Type 1 Transmembrane Glycoprotein gp41", <i>J. Virol.</i> <u>69</u> : 4095-4102, 1995.

Examiner 	Date Considered 7-3-03
---	---------------------------

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

(Use several sheets if necessary)

Atty. Docket No.  
072396.0222 (A34001)

Serial No.  
09/785,058

Applicant  
Montelaro et al.

Filing Date  
February 16, 2001

Group  
1646

RECEIVED  
JUL 03 2001  
TECH CENTER 1600/2900

swl	15	Tencza et al., "Effect of Amino Acid Substitutions on Calmodulin Binding and Cytolytic Properties of the LLP-1 Peptide Segment of Human Immunodeficiency Virus Type 1 Transmembrane Protein", <i>Journal of Virology</i> , <u>69</u> : 5199-5202, 1995
swl	16	Yuan et al., "Characterization of the Calmodulin Binding Domain of SIV Transmembrane Glycoprotein by NMR and CD Spectroscopy", <i>Biochemistry</i> , <u>34</u> : 10690-10696, 1995.
swl	17	Zanetti, Gennaro and Romeo, "Cathelicidins: a novel protein family with a common proregion and a variable C-terminal antimicrobial domain", <i>FEBS Letters</i> , <u>374</u> :1-5, 1995
swl	18	Merrifield et al., "Design and synthesis of antimicrobial peptides", Antimicrobial Peptides, Ciba Foundation Symposium, , 5-6, 1994.
swl	19	Moore et al., "Preliminary Experimental Anticancer Activity of Cecropins", <i>Peptide Research</i> , <u>7</u> :265-269, 1994.
swl	20	Miller et al., "Identification of a Calmodulin-Binding and Inhibitory Peptide Domain in the HIV-1 Transmembrane Glycoprotein", 1993, <i>AIDS Research and Human Retroviruses</i> , <u>9</u> : 1057-1066.
swl	21	Miller et al., "Alterations in Cell Membrane Permeability by the Lentivirus Lytic Peptide (LLP-1) of HIV-1 Transmembrane Protein", <i>Virology</i> , <u>196</u> : 89-1000, 1993
swl	22	Blondelie et al., "Design of Model Amphipathic Peptides Having Potent Antimicrobial Activities", <i>Biochemistry</i> , <u>31</u> :12688-12694, 1992
swl	23	Srinivas et al., "Membrane Interactions of Synthetic Peptides Corresponding to Amphipathic Helical Segments of the Human Immunodeficiency Virus Type-1 Envelope Glycoprotein", <i>Journal of Biological Chemistry</i> , <u>267</u> :7121-7127, 1992
swl	24	Wild et al., "A synthetic peptide inhibitor of human immunodeficiency virus replication: Correlation between solution structure and viral inhibition", <i>Proc. Natl. Acad. Sci. USA</i> , <u>89</u> : 10537-10541, 1992.

Examiner

Date Considered

7-3-03

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NY02:324572.1



TECH CENTER 1600/2900

JUL 03 2001

RECEIVED

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark OfficeINFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.  
072396.0222 (A34001)Serial No.  
09/785,058Applicant  
Montelaro et al.Filing Date  
February 16, 2001Group  
1646

swl	25	Fontenot et al., "A Survey of Potential Problems and Quality Control in Peptide Synthesis by the Fluorenylmethoxycarbonyl Procedure", <i>Peptide Research</i> , 4:19-25, 1991
swl	26	Miller et al., "A Structural Correlation Between Lentivirus Transmembrane Proteins and Natural Cytolytic Peptides", <i>AIDS Research &amp; Human Retroviruses</i> , 7:511-519, 1991.
swl	27	Eisenberg and Wesson, "The Most Highly Amphiphilic $\alpha$ -Helices Include Two Amino Acid Segments in Human Immunodeficiency Virus Glycoprotein 41", <i>Biopolymers</i> , 29: 171-177, 1990
swl	28	Eisenberg et al., "The hydrophobic moment detects periodicity in protein hydrophobicity", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 81:140-144, 1984
swl	29	Chou et al., "Prediction of The Secondary Structure of Proteins From Their Amino Acid Sequence", <i>Adv Enz Relat Areas Mol Bio</i> , 47: 45-146, 1978.
swl	30	Garnier et al., "Analysis of the Accuracy and Implications of Simple Methods for Predicting the Secondary Structure of Globular Proteins", <i>J. Mol. Biol.</i> , 120: 97-120, 1978

Examiner

Date Considered

7-1-03

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NY02:324572.1